

ABSTRACT OF THE DISCLOSURE

A liquid ejection head is provided with a nozzle orifice communicated with a pressure chamber, and a pressure generating element, which generates 5 pressure fluctuation in liquid which is contained in the pressure chamber. A drive signal generator generates a drive signal containing, within one cycle thereof, a first drive subsignal which contains a plurality of first drive pulses each of which drives the pressure generating element to generate the pressure fluctuation so as to eject the liquid from the nozzle orifice, and a second drive 10 pulse which drives the pressure generating element to generate the pressure fluctuation so as not to eject the liquid from the nozzle orifice, and at least one second drive subsignal which contains only the first drive pulses. A pulse supplier selectively supplies at least one of the first drive pulses and the second drive pulse to the pressure generating element, in accordance with an 15 amount of the liquid to be ejected from the nozzle orifice. Each of the first drive subsignal and the second drive subsignal is associated with a minimum area subjected to the liquid ejection.